

REMARKS

At the outset, the Examiner is thanked for the thorough review and consideration of the pending application. The Office Action dated April 1, 2003 has been received and its contents carefully reviewed. Claims 1,3-7, 9-11, 13-17, 19-22 are currently pending in the present application, claims 1 and 11 having been amended; claims 2, 8, 12 and 18 having been canceled; and claims 21 and 22 having been added by this Amendment.

In the Office Action, a new title is required. Applicant hereby amends the title.

Claims 1-20 are rejected under 35 U.S.C. § 112, second paragraph as being indefinite. In particular, the Office Action states that there is insufficient antecedent basis for the limitation "the other electrode" in claims 1 and 11. Applicant respectfully disagrees with the Examiner that the claim is indefinite. Applicant submits that one of ordinary skill in the art would apprehend the meaning of the claims. However, in order to expedite prosecution, Applicant hereby amends claims 1 and 11 to eliminate the term "the other electrode".

In the Office Action, claims 1-10 and 11-20 are rejected under 35 U.S.C. § 103(a) as being unpatentable over the related art described in the present application and shown in Figs 1 through 3E (hereinafter "Related Art") in view of JP 2-28030 to Taniguchi et al. (hereinafter "Taniguchi").

The rejection of claims 1-10 is respectfully traversed and reconsideration is requested.

Claims 1-10 are allowable over the cited references in that each of these claims recites a combination of elements including, for example, "a semiconductor layer on the gate insulating film and over the gate electrode; wherein the semiconductor layer includes a "E"-shaped channel; ... wherein an entire area of the "E"-shaped channel is formed over the gate electrode." None of the cited references including the Related Art and Taniguchi, singly or in combination, teaches or suggests at least this feature of the claimed invention. Accordingly, Applicant respectfully submits that claim 1 and claims 2-10, which depend from claim 1, are allowable over the cited references.

The rejection of claims 11-20 is respectfully traversed and reconsideration is requested.

Claims 11-20 are allowable over the cited references in that each of these claims recites a combination of elements including, for example, "forming a semiconductor layer on the gate insulating film and over the gate electrode wherein the semiconductor layer forms a "Z"-shaped channel; . . . wherein an entire area of the "Z"-shaped channel is formed over the gate electrode." None of the cited references including the Related Art and Taniguchi, singly or in combination, teaches or suggests at least this feature of the claimed invention. Accordingly, Applicant respectfully submits that claim 11 and claims 12-20, which depend from claim 11, are allowable over the cited references. Applicants believe the foregoing amendments place the application in condition for allowance and early, favorable action is respectfully solicited.

In view of the above, each of the presently pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to withdraw the outstanding rejection of the claims and to pass this application to issue.

If for any reason the Examiner finds the application other than in condition for allowance, the Examiner is requested to call the undersigned attorney at (202) 496-7500 to discuss the steps necessary for placing the application in condition for allowance. All correspondence should continue to be sent to the below-listed address.

If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. § 1.136, and any additional fees required under 37 C.F.R. § 1.136 for any necessary extension of time, or any other fees required to complete the

filings of this response, may be charged to Deposit Account No. 50-0911. Please credit any overpayment to deposit Account No. 50-0911. A duplicate copy of this sheet is enclosed.

Dated: July 28, 2003

Respectfully submitted, 

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